

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/001830

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B25J 13/00, G05B 9/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B25J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5862056 A (Y. IWATA ET AL), 19 January 1999 (19.01.1999), abstract --	1-22
A	US 5046022 A (L. CONWAY ET AL), 3 Sept 1991 (03.09.1991), abstract --	1-22
A	US 5687295 A (H. KAIHORI ET AL), 11 November 1997 (11.11.1997), abstract --	1-22
A	US 6330495 B1 (M. KANEKO ET AL), 11 December 2001 (11.12.2001), abstract --	1-22

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

22 February 2005

Date of mailing of the international search report

09-03-2005

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Swedish Patent Office

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p data-bbox="378 384 979 447">US 20020193909 A1 (R.H.PARKER ET AL), 19 December 2002 (19.12.2002), abstract</p> <p data-bbox="670 478 784 531">-- -----</p>	1-22

INTERNATIONAL SEARCH REPORT
Information on patent family members

30/01/2005

International application No.
PCT/SE 2004/001830

US	5862056	A	19/01/1999	DE	4228702 A	04/03/1993
				JP	2762788 B	04/06/1998
				JP	5061525 A	12/03/1993

US	5046022	A	03/09/1991	NONE		

US	5687295	A	11/11/1997	JP	7295625 A	10/11/1995

US	6330495	B1	11/12/2001	CA	2249822 A,C	27/04/1999
				GB	2330666 A,B	28/04/1999
				GB	9822337 D	00/00/0000
				JP	11134017 A	21/05/1999

US	20020193909	A1	19/12/2002	WO	02098616 A	12/12/2002
